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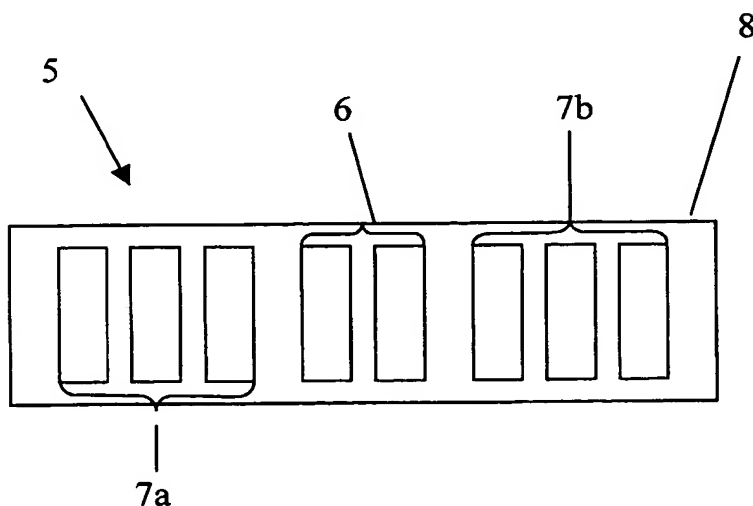
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(54) Title: MULTIELECTRODE



(57) Abstract: The invention comprises a multielectrode (5) with a carrier (8) provided with separate electrode surfaces for recording bioelectrical potential differences at one detection site. The electrode surfaces include one or more active electrode surfaces (6) and two or more reference electrode surfaces (7a, 7b), thereby providing two or more recording pairs for recording the potential differences multiple times at the same detection site. The multielectrode is adapted to be connected to processing means, and the processing means comprises summation means for calculating the sum of the bioelectrical potential differences recorded at the detection site, thereby improving the signal-to-noise ratio.

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